

What is claimed is:

1. A wire electric discharge machining apparatus for machining a workpiece with electric discharge generated by applying voltage between a wire electrode and the workpiece, comprising:

a power supply element for supplying the voltage to the wire electrode by contact with the wire electrode;

a guide roller for supporting the wire electrode arranged at one side of said power supply element with respect to a running direction of the wire electrode; and

a guide roller moving mechanism for moving said guide roller in a direction substantially perpendicular to the running direction of the wire electrode so that position of the contact of said power supply element with the wire electrode is changed.

2. A wire electric discharge machining apparatus for machining a workpiece with electric discharge generated by applying voltage between a wire electrode and the workpiece, comprising:

a power supply element for supplying the voltage to the wire electrode by contact with the wire electrode;

guide rollers for supporting the wire electrode respectively arranged at both sides of said power supply element with respect to a running direction of the wire electrode; and

at least one guide roller moving mechanism for moving said guide rollers in a direction substantially perpendicular to the running direction of the wire electrode so that position of the contact of said power supply element with the wire electrode is changed.